



FER 197, Figure 2b

Alquist-Priolo Special Studies Zones map of the Cantil quadrangle with additional ground cracks and Holocene geomorphic features from Pampeyan and others (1988)

Explanation

- Garlock Fault of Dibblee (1952)
- Faults from Clark (1973)
- El Paso fault of Dibblee (1952)
- Holocene faults and modern ground failures of Pampeyan and others (1988), dashed where approximately located, queried where origin uncertain, hatchures on down-dropped side, dates indicate first observation of ground failure, VL indicates vegetation lineament (possible prehistoric fissure)
- Geomorphic feature verified for this report.
- Feature not verified as Holocene fault.
- Recently active faults mapped for this study, based on aerial photo interpretation. Symbols as above. Faults recommended for zoning highlighted in yellow.

Zoning Recommendations

All features mapped by Pampeyan and others (1988) are recommended for zoning except those along the El Paso fault. All previously zoned faults of Clark (1973) are recommended for zoning except those highlighted in red at locality 1 and 3 and southwest of locality 2. These features have been remapped by Pampeyan and others.

MAP EXPLANATION

Potentially Active Faults

- Faults considered to have been active during Quaternary time; solid line where accurately located, long dash where approximately located, short dash where inferred, dotted where concealed; query (?) indicates additional uncertainty. Evidence of historic offset indicated by year of earthquake-associated event or C for displacement caused by creep or possible creep.
- Aerial photo lineaments (not field checked); based on youthful geomorphic and other features believed to be the results of Quaternary faulting.

Special Studies Zone Boundaries

- These are delineated as straight-line segments that connect encircled turning points so as to define special studies zone segments.
- Seaward projection of zone boundary.

STATE OF CALIFORNIA
SPECIAL STUDIES ZONES

Delineated in compliance with
Chapter 7.5, Division 2 of the California Public Resources Code

CANTIL QUADRANGLE

OFFICIAL MAP

Effective: January 1, 1976

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IMPORTANT - PLEASE NOTE

- This map may not show all potentially active faults, either within the special studies zones or outside their boundaries.
- Faults shown are the basis for establishing the boundaries of the special studies zones.
- The identification of these potentially active faults and the location of such fault traces are based on the best available data. Traces have been drawn as accurately as possible at this map scale, however, the quality of data used is highly varied. The faults shown have not been field checked during this map compilation.
- Fault information on this map is not sufficient to serve as a substitute for information developed by the special studies that may be required under Chapter 7.5, Division 2, Section 2623 of the California Public Resources Code.